MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Tremco, Inc.
23150 Commerce Park Dr.
Beachwood, OH 44122

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: TREMproof 6100 Membrane System

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 09-1110.05 and consists of pages 1 through 18.
The submitted documentation was reviewed by Jorge L. Acebo.

MIAMI-DADE COUNTY APPROVED

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Waterproofing
Material	Rubberized Asphalt
Deck Type:	Concrete
Maximum Design Pressure	-440 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
TREMproof 6100	55 gal. drums or 50 lb. boxes	CGSB 37-GP-50M	Single component, hot applied rubberized asphalt compound for use in non-reinforced and reinforced applications.
QD Primer	1 and 5 gal. pails	ASTM D41	Concrete surface primer.
Elastomeric Sheeting	6", 12", 18", 24" or 36" x 100' x 60 mil Thick	Proprietary	A thermoset material made of uncured neoprene rubber. Designed to provide a durable, flexible, tear-resistant bridge in areas of high movement.
Tremco DualFlex	6", 9.5", 19" Wide x 98mil	Proprietary	A reinforcing flashing that consists of a central strip of stretchy SEBS rubber flanked on each side by an absorbent non-woven felt.
Tremco 2450	36" x 48" x 0.1"	ASTM D6506	Polypropylene protection board.
Tremco 2550/2560	1/8" or 1/4" thick	ASTM D6506	Semi-flexible asphaltic protection sheet.
Tremco Paraterm Bar	1/8" x 16'	TAS 114-E	A galvanized metal termination bar.
POWERply Standard Smooth	3' x 56'8"	ASTM D6163	Smooth surfaced fiberglass reinforced modified bitumen protection sheet.
POWERply Standard Granular	3' x 56'8"	ASTM D6163	Textured surface fiberglass reinforced modified bitumen protection sheet.
TREMDrain 2000 Series	4' x 50' rolls	Proprietary	Polystyrene core with polypropylene filter fabric.

PRODUCTS MANUFACTURED BY OTHERS:

Product	Dimensions	Test Specification	Product Description	Manufacturer
Plaza Pavers	Min. 12” x 12” x 1¾” Min. wgt. 21 lbs./sqft.	ASTM C936 ASTM C1319	High density concrete pavers that have a minimum compressive strength of 7500 psi.	West Tile Roofing Products
Plaza Pavers	Min. 12” x 12” x 1½”	ASTM C936 ASTM C1319	Any approved Paver per ICPI FLA	Generic
Plaza Pavers	Min. 12” x 12” x $2^{3}/_{8}$”	ASTM C936 ASTM C1319	Any approved Paver per ICPI FLA	Generic
Mortar Mix	Various	ASTM C270	Type S mortar mix	Generic
Reemay 2014	12" and 36" wide x 200 yards	ASTM D5726	Polyester spunbonded reinforcement fabric.	Fiberweb Inc.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Specification	Product Date
Celotex Corporation Testing Services	520171	CGSB 37GP-50M	05/06/99
Underwriters Laboratories, Inc.	R10845	UL 790	06/04/12
Independent Roof Testing	00024	TAS 114-D	10/24/00
PRI Construction Materials Technologies LLC	TRE-036-02-01	TAS 114-D	06/10/09

APPROVED APPLICATIONS:

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi, dual slab construction
System Types F(1):	TREMproof 6100, non-insulated, non-reinforced
Substrate:	Structural concrete shall be water cured a minimum of 14 days, preferably 28 days, prior to application of the membrane. Lightweight concrete shall be water cured a minimum of 30 days prior to application of membrane. Venting the deck from the underside is recommended to facilitate drying of the lightweight deck. The curing method must be a water cure, wet coverings, paper sheets, plastic sheets or approved liquid curing compound such as sodium silicate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, form release agents and other surface contaminants. Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted. The substrate must be cleaned to remove loose debris. A final check of the substrate must be made to determine that the substrate has been properly cleaned. Any defects which may impair performance of membrane shall be appropriately repaired. Commencement of work shall imply acceptance of surfaces.
Membrane Flashing:	Flashing materials shall be Tremco DualFlex or Elastomeric Sheeting. A minimum of 6" (150 mm) reinforcement shall be centered over all joints and cracks. Upturns are to be reinforced to provide a minimum lap onto the horizontal and vertical of 6" (150 mm. Place reinforcement continuously and overlap a minimum of 6" (150 mm) using the membrane as an adhesive. All cracks and joints exceeding 1/8" (3 mm) in width and up to 1/4" (6 mm) shall receive Dual Flex or Elastomeric Sheeting. For all cracks and non-working joints exceeding 1/4" (6 mm) contact the membrane manufacturer. Where reglets are detailed on verticals, ensure that reinforcement materials are terminated a minimum 3" (75 mm) below reglet, and carry hot membrane into reglet. At expansion joints, apply a minimum membrane coat of 1/8" (3 mm) thickness on either side of joint and carry membrane a minimum of 3" (75 mm) beyond termination of the Dual Flex or Elastomeric Sheeting. For expansion joints of 1/2" (12.8 mm) wide to 2" (50 mm) wide and designed for 50% movement, loop reinforcement into joint to a depth 1.5 times the width of joint and carry reinforcement a minimum of 6" (150 mm) from edge of joint on both sides. Apply a top coat of membrane to fill loop. For expansion joints at juncture of horizontal and vertical surfaces, reinforce as above and where required provide continuous mechanical fastening bar (or Paraterm Bar) on vertical face of reinforcement fastened at 8" (200 mm) o.c. For vertical expansion joints, a continuous mechanical fastening bar over elastomeric reinforcement on both sides of joint at 8" (200 mm) o.c.

Membrane Flashing: (Continued)	At drains, install lead flashing or minimum 18" (457 mm) square of 47 mil elastomeric reinforcement shall be centered over drain with membrane being applied with a minimum 1/8" (3 mm) top coat of membrane and secured by clamping ring.
Primer:	Prior to membrane application, spray or roll QD Primer over concrete substrates at a coverage rate of 300 to 500 ft^2/gal. (28 to 46 m2/L). Primer must be allowed to dry prior to membrane application. Membrane installation shall follow shortly thereafter to prevent excessive dusting.
Base Coat:	Apply TREMproof 6100 membrane to a minimum thickness of $^1/_8$" (3 mm) to all areas to receive reinforcement. Apply membrane to ensure that membrane extends a minimum of 3" (75 mm) beyond any reinforcement material. Apply any necessary reinforcement over membrane immediately, while membrane is still warm and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist. Apply membrane to a minimum thickness of $^3/_{32}$" (2 mm) to all areas to receive reinforcement.
Reinforcement:	None.
Top Coat:	None.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.
Protection Course:	Place Tremco 2450 or POWERply Standard Smooth or POWERply Standard Granular over membrane while still hot overlapping a minimum of 1" (25 mm). Overlap protection board in a manner consistent with good drainage practices.
Surfacing:	Structural Concrete Slab, minimum 2500 psi shall be designed to comply with applicable Building Code requirements.
Maximum Design Pressure:	N/A

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi, dual slab construction
System Types F(2):	TREMproof 6100, non-insulated, reinforced
Substrate:	Structural concrete shall be water cured a minimum of 14 days, preferably 28 days, prior to application of the membrane. Lightweight concrete shall be water cured a minimum of 30 days prior to application of membrane. Venting the deck from the underside is recommended to facilitate drying of the lightweight deck. The curing method must be a water cure, wet coverings, paper sheets, plastic sheets or approved liquid curing compound such as sodium silicate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, form release agents and other surface contaminants. Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted. The substrate must be cleaned to remove loose debris. A final check of the substrate must be made to determine that the substrate has been properly cleaned. Any defects which may impair performance of membrane shall be appropriately repaired. Commencement of work shall imply acceptance of surfaces.
Membrane Flashing:	Flashing materials shall be Tremco DualFlex or Elastomeric Sheeting. A minimum of 6" (150 mm) reinforcement shall be centered over all joints and cracks. Upturns are to be reinforced to provide a minimum lap onto the horizontal and vertical of 6" (150 mm. Place reinforcement continuously and overlap a minimum of 6" (150 mm) using the membrane as an adhesive. All cracks and joints exceeding 1/8" (3 mm) in width and up to 1/4" (6 mm) shall receive Dual Flex or Elastomeric Sheeting. For all cracks and non-working joints exceeding 1/4" (6 mm) contact the membrane manufacturer. Where reglets are detailed on verticals, ensure that reinforcement materials are terminated a minimum 3" (75 mm) below reglet, and carry hot membrane into reglet. At expansion joints, apply a minimum membrane coat of 1/8" (3 mm) thickness on either side of joint and carry membrane a minimum of 3" (75 mm) beyond termination of the Dual Flex or Elastomeric Sheeting. For expansion joints of 1/2" (12.8 mm) wide to 2" (50 mm) wide and designed for 50% movement, loop reinforcement into joint to a depth 1.5 times the width of joint and carry reinforcement a minimum of 6" (150 mm) from edge of joint on both sides. Apply a top coat of membrane to fill loop. For expansion joints at juncture of horizontal and vertical surfaces, reinforce as above and where required provide continuous mechanical fastening bar (or Paraterm Bar) on vertical face of reinforcement fastened at 8" (200 mm) o.c. For vertical expansion joints, a continuous mechanical fastening bar over elastomeric reinforcement on both sides of joint at 8" (200 mm) o.c.

Membrane Flashing: (Continued)	At drains, install lead flashing or minimum 18" (457 mm) square of 47 mil elastomeric reinforcement shall be centered over drain with membrane being applied with a minimum 1/8" (3 mm) top coat of membrane and secured by clamping ring.
Primer:	Prior to membrane application, spray or roll QD Primer over concrete substrates at a coverage rate of 300 to 500 ft^2/gal. (28 to 46 m2/L). Primer must be allowed to dry prior to membrane application. Membrane installation shall follow shortly thereafter to prevent excessive dusting.
Base Coat:	Apply TREMproof 6100 membrane to a minimum thickness of 1/8" (3 mm) to all areas to receive reinforcement. Apply membrane to ensure that membrane extends a minimum of 3" (75 mm) beyond any reinforcement material. Apply any necessary reinforcement over membrane immediately, while membrane is still warm and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist. Apply membrane to a minimum thickness of 3/32" (2 mm) to all areas to receive reinforcement. Apply reinforcement over membrane immediately, while membrane is still hot and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist.
Reinforcement:	Apply an initial membrane coat of a minimum $^3/_{32}$" (2 mm) thickness and follow immediately with Reemay 2014 fabric reinforcement. Overlap fabric a minimum of 2" (50 mm) and ensure membrane is applied between fabrics.
Top Coat:	Top coat fabric reinforcement with a final coat of membrane to provide a total finished membrane thickness of a minimum $^7/_{32}$" (5 mm).
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.
Protection Course:	Place Tremco 2450 over membrane while still hot overlapping a minimum of 1" (25 mm). Overlap protection board in a manner consistent with good drainage practices.
Surfacing:	Structural Concrete Slab, minimum 2500 psi shall be designed to comply with applicable Building Code requirements.
Maximum Design Pressure:	N/A

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi, with concrete pavers
System Types F(3):	TREMproof 6100, non-insulated, reinforced
Substrate:	Structural concrete shall be water cured a minimum of 14 days, preferably 28 days, prior to application of the membrane. Lightweight concrete shall be water cured a minimum of 30 days prior to application of membrane. Venting the deck from the underside is recommended to facilitate drying of the lightweight deck. The curing method must be a water cure, wet coverings, paper sheets, plastic sheets or approved liquid curing compound such as sodium silicate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, form release agents and other surface contaminants. Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted. The substrate must be cleaned to remove loose debris. A final check of the substrate must be made to determine that the substrate has been properly cleaned. Any defects which may impair performance of membrane shall be appropriately repaired. Commencement of work shall imply acceptance of surfaces.
Membrane Flashing:	Flashing materials shall be Tremco DualFlex or Elastomeric Sheeting. A minimum of 6" (150 mm) reinforcement shall be centered over all joints and cracks. Upturns are to be reinforced to provide a minimum lap onto the horizontal and vertical of 6" (150 mm. Place reinforcement continuously and overlap a minimum of 6" (150 mm) using the membrane as an adhesive. All cracks and joints exceeding 1/8" (3 mm) in width and up to 1/4" (6 mm) shall receive Dual Flex or Elastomeric Sheeting. For all cracks and non-working joints exceeding 1/4" (6 mm) contact the membrane manufacturer. Where reglets are detailed on verticals, ensure that reinforcement materials are terminated a minimum 3" (75 mm) below reglet, and carry hot membrane into reglet. At expansion joints, apply a minimum membrane coat of 1/8" (3 mm) thickness on either side of joint and carry membrane a minimum of 3" (75 mm) beyond termination of the Dual Flex or Elastomeric Sheeting. For expansion joints of 1/2" (12.8 mm) wide to 2" (50 mm) wide and designed for 50% movement, loop reinforcement into joint to a depth 1.5 times the width of joint and carry reinforcement a minimum of 6" (150 mm) from edge of joint on both sides. Apply a top coat of membrane to fill loop. For expansion joints at juncture of horizontal and vertical surfaces, reinforce as above and where required provide continuous mechanical fastening bar (or Paraterm Bar) on vertical face of reinforcement fastened at 8" (200 mm) o.c. For vertical expansion joints, a continuous mechanical fastening bar over elastomeric reinforcement on both sides of joint at 8" (200 mm) o.c.

Membrane Flashing: (Continued)	At drains, install lead flashing or minimum 18" (457 mm) square of 47 mil elastomeric reinforcement shall be centered over drain with membrane being applied with a minimum 1/8" (3 mm) top coat of membrane and secured by clamping ring.
Primer:	Prior to membrane application, spray or roll QD Primer over concrete substrates at a coverage rate of 300 to 500 ft^2/gal. (28 to 46 m2/L). Primer must be allowed to dry prior to membrane application. Membrane installation shall follow shortly thereafter to prevent excessive dusting.
Base Coat:	Apply TREMproof 6100 membrane to a minimum thickness of 1/8" (3 mm) to all areas to receive reinforcement. Apply membrane to ensure that membrane extends a minimum of 3" (75 mm) beyond any reinforcement material. Apply any necessary reinforcement over membrane immediately, while membrane is still warm and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist. Apply membrane to a minimum thickness of 3/32" (2 mm) to all areas to receive reinforcement. Apply reinforcement over membrane immediately, while membrane is still hot and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist.
Reinforcement:	Apply an initial membrane coat of a minimum $^3/_{32}$" (2 mm) thickness and follow immediately with Reemay 2014 fabric reinforcement. Overlap fabric a minimum of 2" (50 mm) and ensure membrane is applied between fabrics.
Top Coat:	Top coat fabric reinforcement with a final coat of membrane to provide a total finished membrane thickness of a minimum $^7/_{32}$" (5 mm).
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.
Protection Course:	Place Tremco 2450 or POWERply Standard Smooth, POWERply Granular or TremDrain 2000 protection over membrane while still hot overlapping a minimum of 1" (25 mm). Overlap protection board in a manner consistent with good drainage practices.
Surfacing:	Minimum 12” x 12” x 1¾ inch thick concrete pavers having a minimum compression strength of 7,500 psi, and minimum weight of 21 lbs./sqft. Shall be installed in a minimum two inch thick mortar bed. Mortar shall be a 3:1 mix, three parts masonry sand to one part cement. Before setting pavers, dampen the back of each one and apply a slurry of mortar to ensure maximum contact with mortar bed. Pavers should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing.
Maximum Design Pressure:	-115 psf. (See General Limitation #9)

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi, with concrete pavers
System Types F(4):	TREMproof 6100, non-insulated, reinforced
Substrate:	Structural concrete shall be water cured a minimum of 14 days, preferably 28 days, prior to application of the membrane. Lightweight concrete shall be water cured a minimum of 30 days prior to application of membrane. Venting the deck from the underside is recommended to facilitate drying of the lightweight deck. The curing method must be a water cure, wet coverings, paper sheets, plastic sheets or approved liquid curing compound such as sodium silicate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, form release agents and other surface contaminants. Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted. The substrate must be cleaned to remove loose debris. A final check of the substrate must be made to determine that the substrate has been properly cleaned. Any defects which may impair performance of membrane shall be appropriately repaired. Commencement of work shall imply acceptance of surfaces.
Membrane Flashing:	Flashing materials shall be Tremco DualFlex or Elastomeric Sheeting. A minimum of 6" (150 mm) reinforcement shall be centered over all joints and cracks. Upturns are to be reinforced to provide a minimum lap onto the horizontal and vertical of 6" (150 mm. Place reinforcement continuously and overlap a minimum of 6" (150 mm) using the membrane as an adhesive. All cracks and joints exceeding 1/8" (3 mm) in width and up to 1/4" (6 mm) shall receive Dual Flex or Elastomeric Sheeting. For all cracks and non-working joints exceeding 1/4" (6 mm) contact the membrane manufacturer. Where reglets are detailed on verticals, ensure that reinforcement materials are terminated a minimum 3" (75 mm) below reglet, and carry hot membrane into reglet. At expansion joints, apply a minimum membrane coat of 1/8" (3 mm) thickness on either side of joint and carry membrane a minimum of 3" (75 mm) beyond termination of the Dual Flex or Elastomeric Sheeting. For expansion joints of 1/2" (12.8 mm) wide to 2" (50 mm) wide and designed for 50% movement, loop reinforcement into joint to a depth 1.5 times the width of joint and carry reinforcement a minimum of 6" (150 mm) from edge of joint on both sides. Apply a top coat of membrane to fill loop. For expansion joints at juncture of horizontal and vertical surfaces, reinforce as above and where required provide continuous mechanical fastening bar (or Paraterm Bar) on vertical face of reinforcement fastened at 8" (200 mm) o.c. For vertical expansion joints, a continuous mechanical fastening bar over elastomeric reinforcement on both sides of joint at 8" (200 mm) o.c.

Membrane Flashing: (Continued)	At drains, install lead flashing or minimum 18" (457 mm) square of 47 mil elastomeric reinforcement shall be centered over drain with membrane being applied with a minimum 1/8" (3 mm) top coat of membrane and secured by clamping ring.
Primer:	Prior to membrane application, spray or roll QD Primer over concrete substrates at a coverage rate of 300 to 500 ft^2/gal. (28 to 46 m2/L). Primer must be allowed to dry prior to membrane application. Membrane installation shall follow shortly thereafter to prevent excessive dusting.
Base Coat:	Apply TREMproof 6100 membrane to a minimum thickness of 1/8" (3 mm) to all areas to receive reinforcement. Apply membrane to ensure that membrane extends a minimum of 3" (75 mm) beyond any reinforcement material. Apply any necessary reinforcement over membrane immediately, while membrane is still warm and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist. Apply membrane to a minimum thickness of 3/32" (2 mm) to all areas to receive reinforcement. Apply reinforcement over membrane immediately, while membrane is still hot and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist.
Reinforcement:	Apply an initial membrane coat of a minimum $^3/_{32}$" (2 mm) thickness and follow immediately with Reemay 2014 fabric reinforcement. Overlap fabric a minimum of 2" (50 mm) and ensure membrane is applied between fabrics.
Top Coat:	Top coat fabric reinforcement with a final coat of membrane to provide a total finished membrane thickness of a minimum $^7/_{32}$" (5 mm).
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.
Protection Course:	Place Tremco POWERply Granular protection over the membrane while still hot overlapping a minimum of 2" (50 mm). Overlap protection system in a manner consistent with Tremco application directions.
Surfacing:	Minimum 12” x 12” x 1½ inch thick concrete pavers as specified per ICPI Florida specifications. Shall be installed in a minimum one inch thick mortar bed. Mortar shall be prepared as specified by mortar manufacturer. Pavers should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing.
Maximum Design Pressure:	-440 psf. (See General Limitation #9)

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi, with concrete pavers
System Types F(5):	TREMproof 6100, non-insulated, reinforced
Substrate:	Structural concrete shall be water cured a minimum of 14 days, preferably 28 days, prior to application of the membrane. Lightweight concrete shall be water cured a minimum of 30 days prior to application of membrane. Venting the deck from the underside is recommended to facilitate drying of the lightweight deck. The curing method must be a water cure, wet coverings, paper sheets, plastic sheets or approved liquid curing compound such as sodium silicate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, form release agents and other surface contaminants. Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted. The substrate must be cleaned to remove loose debris. A final check of the substrate must be made to determine that the substrate has been properly cleaned. Any defects which may impair performance of membrane shall be appropriately repaired. Commencement of work shall imply acceptance of surfaces.
Membrane Flashing:	Flashing materials shall be Tremco DualFlex or Elastomeric Sheeting. A minimum of 6" (150 mm) reinforcement shall be centered over all joints and cracks. Upturns are to be reinforced to provide a minimum lap onto the horizontal and vertical of 6" (150 mm. Place reinforcement continuously and overlap a minimum of 6" (150 mm) using the membrane as an adhesive. All cracks and joints exceeding 1/8" (3 mm) in width and up to 1/4" (6 mm) shall receive Dual Flex or Elastomeric Sheeting. For all cracks and non-working joints exceeding 1/4" (6 mm) contact the membrane manufacturer. Where reglets are detailed on verticals, ensure that reinforcement materials are terminated a minimum 3" (75 mm) below reglet, and carry hot membrane into reglet. At expansion joints, apply a minimum membrane coat of 1/8" (3 mm) thickness on either side of joint and carry membrane a minimum of 3" (75 mm) beyond termination of the Dual Flex or Elastomeric Sheeting. For expansion joints of 1/2" (12.8 mm) wide to 2" (50 mm) wide and designed for 50% movement, loop reinforcement into joint to a depth 1.5 times the width of joint and carry reinforcement a minimum of 6" (150 mm) from edge of joint on both sides. Apply a top coat of membrane to fill loop. For expansion joints at juncture of horizontal and vertical surfaces, reinforce as above and where required provide continuous mechanical fastening bar (or Paraterm Bar) on vertical face of reinforcement fastened at 8" (200 mm) o.c. For vertical expansion joints, a continuous mechanical fastening bar over elastomeric reinforcement on both sides of joint at 8" (200 mm) o.c.

Membrane Flashing: (Continued)	At drains, install lead flashing or minimum 18" (457 mm) square of 47 mil elastomeric reinforcement shall be centered over drain with membrane being applied with a minimum 1/8" (3 mm) top coat of membrane and secured by clamping ring.
Primer:	Prior to membrane application, spray or roll QD Primer over concrete substrates at a coverage rate of 300 to 500 ft^2/gal. (28 to 46 m2/L). Primer must be allowed to dry prior to membrane application. Membrane installation shall follow shortly thereafter to prevent excessive dusting.
Base Coat:	Apply TREMproof 6100 membrane to a minimum thickness of 1/8" (3 mm) to all areas to receive reinforcement. Apply membrane to ensure that membrane extends a minimum of 3" (75 mm) beyond any reinforcement material. Apply any necessary reinforcement over membrane immediately, while membrane is still warm and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist. Apply membrane to a minimum thickness of 3/32" (2 mm) to all areas to receive reinforcement. Apply reinforcement over membrane immediately, while membrane is still hot and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist.
Reinforcement:	Apply an initial membrane coat of a minimum $^3/_{32}$" (2 mm) thickness and follow immediately with Reemay 2014 fabric reinforcement. Overlap fabric a minimum of 2" (50 mm) and ensure membrane is applied between fabrics.
Top Coat:	Top coat fabric reinforcement with a final coat of membrane to provide a total finished membrane thickness of a minimum $^7/_{32}$" (5 mm).
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.
Protection Course:	Place Tremco POWERply Granular protection over the membrane while still hot overlapping a minimum of 2" (50 mm). Overlap protection system in a manner consistent with Tremco application directions.
Surfacing:	Minimum 12" x 12" x $2^3/_8$ inch thick concrete pavers as specified per ICPI Florida specifications. Shall be installed in a minimum one inch thick mortar bed. Mortar shall be prepared as specified by mortar manufacturer. Pavers should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing.
Maximum Design Pressure:	-361.5 psf. (See General Limitation #9)

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi, with concrete pavers
System Types F(6):	TREMproof 6100, non-insulated, reinforced
Substrate:	Structural concrete shall be water cured a minimum of 14 days, preferably 28 days, prior to application of the membrane. Lightweight concrete shall be water cured a minimum of 30 days prior to application of membrane. Venting the deck from the underside is recommended to facilitate drying of the lightweight deck. The curing method must be a water cure, wet coverings, paper sheets, plastic sheets or approved liquid curing compound such as sodium silicate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, form release agents and other surface contaminants. Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted. The substrate must be cleaned to remove loose debris. A final check of the substrate must be made to determine that the substrate has been properly cleaned. Any defects which may impair performance of membrane shall be appropriately repaired. Commencement of work shall imply acceptance of surfaces.
Membrane Flashing:	Flashing materials shall be Tremco DualFlex or Elastomeric Sheeting. A minimum of 6" (150 mm) reinforcement shall be centered over all joints and cracks. Upturns are to be reinforced to provide a minimum lap onto the horizontal and vertical of 6" (150 mm. Place reinforcement continuously and overlap a minimum of 6" (150 mm) using the membrane as an adhesive. All cracks and joints exceeding 1/8" (3 mm) in width and up to 1/4" (6 mm) shall receive Dual Flex or Elastomeric Sheeting. For all cracks and non-working joints exceeding 1/4" (6 mm) contact the membrane manufacturer. Where reglets are detailed on verticals, ensure that reinforcement materials are terminated a minimum 3" (75 mm) below reglet, and carry hot membrane into reglet. At expansion joints, apply a minimum membrane coat of 1/8" (3 mm) thickness on either side of joint and carry membrane a minimum of 3" (75 mm) beyond termination of the Dual Flex or Elastomeric Sheeting. For expansion joints of 1/2" (12.8 mm) wide to 2" (50 mm) wide and designed for 50% movement, loop reinforcement into joint to a depth 1.5 times the width of joint and carry reinforcement a minimum of 6" (150 mm) from edge of joint on both sides. Apply a top coat of membrane to fill loop. For expansion joints at juncture of horizontal and vertical surfaces, reinforce as above and where required provide continuous mechanical fastening bar (or Paraterm Bar) on vertical face of reinforcement fastened at 8" (200 mm) o.c. For vertical expansion joints, a continuous mechanical fastening bar over elastomeric reinforcement on both sides of joint at 8" (200 mm) o.c.

Membrane Flashing: (Continued)	At drains, install lead flashing or minimum 18" (457 mm) square of 47 mil elastomeric reinforcement shall be centered over drain with membrane being applied with a minimum 1/8" (3 mm) top coat of membrane and secured by clamping ring.
Primer:	Prior to membrane application, spray or roll QD Primer over concrete substrates at a coverage rate of 300 to 500 ft^2/gal. (28 to 46 m2/L). Primer must be allowed to dry prior to membrane application. Membrane installation shall follow shortly thereafter to prevent excessive dusting.
Base Coat:	Apply TREMproof 6100 membrane to a minimum thickness of 1/8" (3 mm) to all areas to receive reinforcement. Apply membrane to ensure that membrane extends a minimum of 3" (75 mm) beyond any reinforcement material. Apply any necessary reinforcement over membrane immediately, while membrane is still warm and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist. Apply membrane to a minimum thickness of 3/32" (2 mm) to all areas to receive reinforcement. Apply reinforcement over membrane immediately, while membrane is still hot and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist.
Reinforcement:	Apply an initial membrane coat of a minimum $^3/_{32}$" (2 mm) thickness and follow immediately with Reemay 2014 fabric reinforcement. Overlap fabric a minimum of 2" (50 mm) and ensure membrane is applied between fabrics.
Top Coat:	Top coat fabric reinforcement with a final coat of membrane to provide a total finished membrane thickness of a minimum $^7/_{32}$" (5 mm).
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.
Protection Course:	Place Tremco TREMDrain 2000 Series over the membrane while still warm overlapping a minimum of 1" (25 mm) or abutting. Overlap protection system in a manner consistent with Tremco application directions.
Surfacing:	Minimum 12” x 12” x 1½ inch thick concrete pavers as specified per ICPI Florida specifications. Shall be installed in a minimum one inch thick mortar bed. Mortar shall be prepared as specified by mortar manufacturer. Pavers should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing.
Maximum Design Pressure:	-67.5 psf. (See General Limitation #9)

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi, with concrete pavers
System Types F(7):	TREMproof 6100, non-insulated, reinforced
Substrate:	Structural concrete shall be water cured a minimum of 14 days, preferably 28 days, prior to application of the membrane. Lightweight concrete shall be water cured a minimum of 30 days prior to application of membrane. Venting the deck from the underside is recommended to facilitate drying of the lightweight deck. The curing method must be a water cure, wet coverings, paper sheets, plastic sheets or approved liquid curing compound such as sodium silicate.
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of unapproved curing compounds, form release agents and other surface contaminants. Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted. The substrate must be cleaned to remove loose debris. A final check of the substrate must be made to determine that the substrate has been properly cleaned. Any defects which may impair performance of membrane shall be appropriately repaired. Commencement of work shall imply acceptance of surfaces.
Membrane Flashing:	Flashing materials shall be Tremco DualFlex or Elastomeric Sheeting. A minimum of 6" (150 mm) reinforcement shall be centered over all joints and cracks. Upturns are to be reinforced to provide a minimum lap onto the horizontal and vertical of 6" (150 mm. Place reinforcement continuously and overlap a minimum of 6" (150 mm) using the membrane as an adhesive. All cracks and joints exceeding 1/8" (3 mm) in width and up to 1/4" (6 mm) shall receive Dual Flex or Elastomeric Sheeting. For all cracks and non-working joints exceeding 1/4" (6 mm) contact the membrane manufacturer. Where reglets are detailed on verticals, ensure that reinforcement materials are terminated a minimum 3" (75 mm) below reglet, and carry hot membrane into reglet. At expansion joints, apply a minimum membrane coat of 1/8" (3 mm) thickness on either side of joint and carry membrane a minimum of 3" (75 mm) beyond termination of the Dual Flex or Elastomeric Sheeting. For expansion joints of 1/2" (12.8 mm) wide to 2" (50 mm) wide and designed for 50% movement, loop reinforcement into joint to a depth 1.5 times the width of joint and carry reinforcement a minimum of 6" (150 mm) from edge of joint on both sides. Apply a top coat of membrane to fill loop. For expansion joints at juncture of horizontal and vertical surfaces, reinforce as above and where required provide continuous mechanical fastening bar (or Paraterm Bar) on vertical face of reinforcement fastened at 8" (200 mm) o.c. For vertical expansion joints, a continuous mechanical fastening bar over elastomeric reinforcement on both sides of joint at 8" (200 mm) o.c.

Membrane Flashing: (Continued)	At drains, install lead flashing or minimum 18" (457 mm) square of 47 mil elastomeric reinforcement shall be centered over drain with membrane being applied with a minimum 1/8" (3 mm) top coat of membrane and secured by clamping ring.
Primer:	Prior to membrane application, spray or roll QD Primer over concrete substrates at a coverage rate of 300 to 500 ft^2/gal. (28 to 46 m2/L). Primer must be allowed to dry prior to membrane application. Membrane installation shall follow shortly thereafter to prevent excessive dusting.
Base Coat:	Apply TREMproof 6100 membrane to a minimum thickness of 1/8" (3 mm) to all areas to receive reinforcement. Apply membrane to ensure that membrane extends a minimum of 3" (75 mm) beyond any reinforcement material. Apply any necessary reinforcement over membrane immediately, while membrane is still warm and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist. Apply membrane to a minimum thickness of 3/32" (2 mm) to all areas to receive reinforcement. Apply reinforcement over membrane immediately, while membrane is still hot and tacky to ensure adhesion. Ensure that no air pockets or fish-mouths exist.
Reinforcement:	Apply an initial membrane coat of a minimum $^3/_{32}$" (2 mm) thickness and follow immediately with Reemay 2014 fabric reinforcement. Overlap fabric a minimum of 2" (50 mm) and ensure membrane is applied between fabrics.
Top Coat:	Top coat fabric reinforcement with a final coat of membrane to provide a total finished membrane thickness of a minimum $^7/_{32}$" (5 mm).
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.
Protection Course:	Place Tremco TREMDrain 2000 Series over the membrane while still warm overlapping a minimum of 1" (25 mm) or abutting. Overlap protection system in a manner consistent with Tremco application directions.
Surfacing:	Minimum 12” x 12” x $2^3/_8$ inch thick concrete pavers as specified per ICPI Florida specifications. Shall be installed in a minimum one inch thick mortar bed. Mortar shall be prepared as specified by mortar manufacturer. Pavers should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing.
Maximum Design Pressure:	-97.5 psf. (See General Limitation #9)

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Required integrity flood testing report shall be provided to the Building Official for review at time of final inspection.
3. All work shall be performed by a Contractor licensed to do roofing/waterproofing. Contractor shall be familiar with the details and shall be approved by Tremco, Inc. Tremco, Inc., Hot Applied Liquid Membrane Systems shall be installed solely by approved applicators and only with installation and heating equipment approved by Tremco, Inc.
4. Tremco, Inc., Hot Applied Liquid Membrane Systems shall not be exposed to the weather and shall be protected by a protection sheet or other approved protection method from traffic.
5. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Tremco, Inc., shall be submitted to the Building Official for review.
6. Tremco, Inc., Hot Applied Liquid Membrane Systems shall not be installed without consultation with Tremco, Inc., if ambient or surface temperature is below 0^{o}F. Do not apply to wet or frozen concrete surface.
7. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.
11. A non–skid surfacing is required for all pedestrian areas, plaza decks or balconies.
12. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami–Dade County Product Control Approved" or the Miami–Dade County Product Control Seal as shown below

MIAMI-DADE COUNTY APPROVED

END OF THIS ACCEPTANCE